

MACIEJ KOS

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PROFILE

Results-oriented data scientist with a strong background in modeling user behavior.

Demonstrated academic and international business experience in contributing to product development by providing actionable insight about customer and patient behavior. Relied on to lead data analysis and user experience teams in critical, time-sensitive projects.

EDUCATION

Northeastern University, Boston, MA 05/2020 (expected)
Ph.D. in Personal Health Informatics (GPA: 4.0)

University of Michigan, Ann Arbor, MI 12/2012
Master of Arts in Information Science
(incentives-centered design and behavioral research focus)

Barcelona Graduate School of Economics, Barcelona, Spain 06/2009
Master of Science in Economics of Science and Innovation

University of Gdansk, Sopot, Poland 06/2005
Bachelor and Master of Arts in Economics and E-business

RELEVANT EXPERIENCE

Clinical Analytics Research Intern (Cognition) at Philips 05/2018 – 09/2018
Research, Cambridge, MA

Research Assistant at College of Computer and Information Science,
Northeastern University, Boston, MA 09/2015 – present

Investigator / Research Group Manager, Research Grant: Genetic
health risk information avoidance, Sopot, Poland & Boston, MA 07/2013 – present

User Experience and research consultant at Agile Axons (self-
employed), Gdynia, Poland and Rome, Italy 01/2013 – 08/2015

Graduate Research Assistant at the School of Information,
University of Michigan, Ann Arbor, MI 08/2009 – 01/2012

SKILLS

Software: R ●●●●●, Python ●●●●●, Stata ●●●●●, d3.js/ Tableau ●●●●●, SQL ●●●●●, Office ●●●●●

Statistics: Multilevel univariate and multivariate regression models, structural equation modeling, psychometric modeling

Machine Learning: Dimensionality reduction, clustering, support vector machines, ridge regression, logistic classification, random forests, regression trees

Other: Data visualization, social network analysis, UX research and design

Languages: English and Polish; Spanish

SELECTED PROJECTS

- Child Aid - analyzed data from a large-scale experimental intervention to increase literacy of Guatemalan children
- Digital Breeze - UX lead for consumer-facing mobile application for a large Italian telco (with Ericsson, McKinsey, and Monk Software)
- WearTech - developed a cutting-edge algorithm for improving the accuracy of heart rate variability estimates from wearable devices

SELECTED AWARDS

- ACM/Intel Corporation Computational and Data Sciences Fellowship, 2017 – 2020
- Google Online Marketing Challenge Professor - mentored two teams including the top Polish team (both of mentored teams ranked 70-89% worldwide)